

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Previously Presented) A winding device of a winding wheel and a wire, comprising:

an elastically rotatable turning wheel capable of forward and reverse rotations biased in a retraction direction using a flexibly connected fixed shaft as an axis of rotation when accepting external forces; and having wheel surfaces defined as a left wheel surfaces and a right wheel surfaces, at least two transverse wedge apertures disposed at appropriate positions of the wheel surfaces, and an encircling groove formed at inner walls of the turning wheel; wherein, the turning wheel has a center opening thereof fastened around the fixed shaft; and

a continuous wire having an appropriate section thereof placed in the encircling groove, one end thereof guided out from one of the wedge aperture and the other end thereof guided out from the other wedge aperture, thereby defining left and right wires; wherein, the left wire is folded in a reverse direction at an exit of the wedge apertures and wound on the left wheel surface, and the right wire is wound in a forward direction on the right wheel surface; and

the characteristics thereof being that, a number of rounds of the left wire wound on the left wheel surface is at least one more than that of the right wire wound at the right wheel surface, such that when the left and right wires are withdrawn from the left and right wheel surfaces to their fully withdrawn lengths, at least one round of basic coil of the left wire tightly binds around the left wheel surfaces and remains unreleased.

2. (Cancelled)

3. (New) A winding device of a winding wheel and a wire, comprising:

an elastically rotatable turning wheel capable of forward and reverse rotations biased in a retraction direction using a flexibly connected fixed shaft as an axis of rotation when accepting external forces; and having wheel surfaces defined as a left wheel surfaces and a right wheel surfaces, at least two transverse wedge apertures disposed at appropriate positions of the wheel surfaces, and an encircling groove formed at inner walls of the turning wheel; wherein, the turning wheel has a center opening thereof fastened around the fixed shaft; and

a continuous wire having an appropriate section thereof placed in the encircling groove, one end thereof guided out from one of the wedge aperture and the other end thereof guided out from the other wedge aperture, thereby defining left and right wires; wherein, the left wire is folded in a reverse direction at an exit of the wedge apertures and wound on the left wheel surface, and the right wire is wound in a forward direction on the right wheel surface; and

the characteristics thereof being that, a number of rounds of the right wire wound on the right wheel surface is at least one more than that of the left wire winded at the left wheel surface, such that when the left and right wires are withdrawn from the left and right wheel surfaces to their fully withdrawn lengths, at least one round of basic coil of the right wire tightly binds around the right wheel surfaces and remains unreleased.